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中 国 稗 属 一 新 种

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A NEW SPECIES OF ECHINOCHLOA FROM CHINA

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关键词 稗属；宿穗稗
Key words *Echinochloa*; *E. persistentia*

宿穗稗 新种 图1

Echinochloa persistentia Z. S. Diao, sp. nov.

Haec species nova spiculis ommino persistentibus numquam deciduis a congeneribus diversa.

Gramen annuum, caespitosum, culmi erecti, c. 40—120 cm alti, 1—4 mm in diam.; foliorum vaginae glabrae, laminae anguste lineares, planae, 10—50 cm longae, 6—12 mm latae, scabrae, ad marginem in crassata, viridulos, spinulosis. Inflorescentia angustata, molliter pendula, cinerascens viridis, 8—12 cm longa, 1—2 cm lata; racemi inflorescentiae simplices, i. e. sine ramificantibus, nodi rhachidium spinulosis tuberculiformi-basis crescentibus; spiculae omnino persistenrae et tum marcescentes, late ovoideae vel ovoidi-sphaericae, 3—4 mm longae; gluma prima minima, lata acumine ovati-triangulata, 3-nervia, ea secunda longi-rostrata, 4—5 mm longa (rostra incloso); lemma in aristatum 1—2.5 cm longum producta; id palea herbacea vel tenui-membranacea; lemma secundum crassecens coriaoeum nitidum, cingit id paleam in similiter textura; lodiculae 2, ellipicae; stamina 3, ovarium comlressum ovoidum, styli 2, remoti, stigmata aspergilliformes. Caryopsides ovoideae compressae, rare hemi-lentiformes. Anthesis in Julio et Angusto.

Sichuan province (四川): Chongqing Beibei (重庆北碚), collected in rice-field, 9 August 1980, Z. S. Diao 1168 (Type); Shuangliu (双流), also in rice-field, 14 August 1980, Z. S. Diao et al. 1178.

Anhui province (安徽): Feixi (淝西), in rice-field, 23 September 1983, Z. S. Diao et Y. W. Chang 1832.



图 1 宿穗稗*Echinochloa persistentia* Z. S. Diao, sp. nov. 1.植株的1个分蘖枝，中上部和中部各具1分枝；2.叶片和叶鞘相连接的部分，无叶舌；3.花序中的总状分枝不再分枝；4.小穗腹面，示第一颖和先端延伸成长芒的第一外稃；5.小穗侧面视，基部为第一颖侧视，左为第二颖，右为有芒的第一外稃，中为成熟的第二花之外稃和内稃；6.第二花之外稃卷抱内稃，下翻者示第一花之内稃；7.花序主轴节处的瘤基毛。

Type deposited in Herb. of Biol. Yuzho University Chongqing（模式在渝大生物系标本室）；isotype in Herb. of Dept. Biol., Nanjing University and KUN（付模式存南大生物系标本室和昆明植物研究所）。

本新种以其小穗在花序上全部宿存而不脱落，有别于属内其它所有种类。

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